

ABSTRACT OF THE DISCLOSURE

An automatically adjustable rear suspension. A supply of pressurized gas is pneumatically connected to a valve, and at least one air shock is also pneumatically connected to the valve. A pushrod is mechanically connected between a trike frame and a trike swing arm, and actuates the valve in order to maintain the distance between the trike frame and the trike swing arm at a factory pre-set value. Each air spring is disposed between an L arm rigidly attached to the trike swing arm, and the trike frame. In the preferred embodiment, a gas shock absorber was also disposed between the trike frame and the trike swing arm.